



**US Army Corps
of Engineers®**
New York District

HOOSIC RIVER, North Adams, MA Correction of Construction Deficiency

FACT SHEET

DESCRIPTION: On 7 April 2001, a monolith partially forming the wall of a flood damage reduction channel collapsed into the channel due to a construction deficiency. The identified construction deficiency was the failure to install steel reinforcing dowels between the wall and the concrete footing/channel bottom as required in the original design. Visual inspection of the joint showed that the rods required to resist lateral loads at the joint were not installed. In 2005, the monolith was washed downriver during a high water event caused by the remnants of Hurricane Ophelia. If the adjacent monoliths move, or are flanked during high water events, the capacity of the channel will be significantly reduced, causing upstream flooding and further project failure.

This work is necessary to return the project to its full function as intended in a safe and reliable manner. This work is not required because of changed conditions. Replacing the failed monolith is justified to restore the local flood control project's integrity and safety, and the failure was not due to local maintenance. The project was inspected annually under the USACE Inspection of Completed Work Program, and did not have any maintenance issues at this location.

AUTHORIZATION: Flood Control Act of 1941

STATUS: This was initially studied under the PL-84-99 Advanced Measures Program. In accordance with ER 1165-2-119, the construction deficiency should be repaired under the existing authority. CG funding has been requested to address this issue. With sufficient Federal funding, a final decision document will be completed and construction activities will be contracted to correct the deficiency.

STUDY COST:

Estimated Costs:	Federal	\$500,000
	Non-Federal	\$0
	Total	\$500,000

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